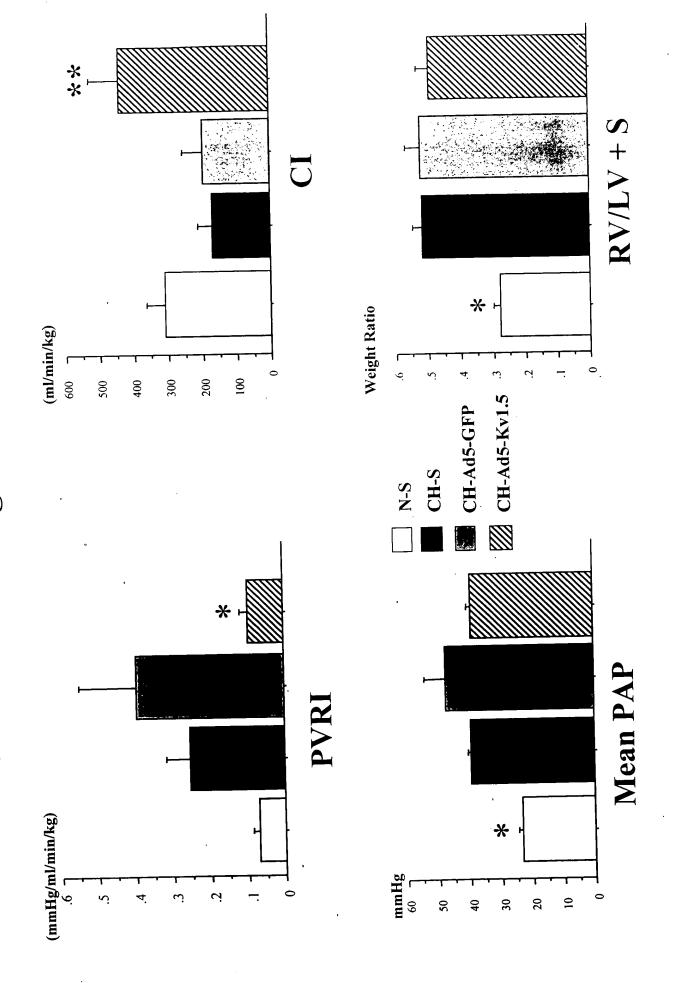
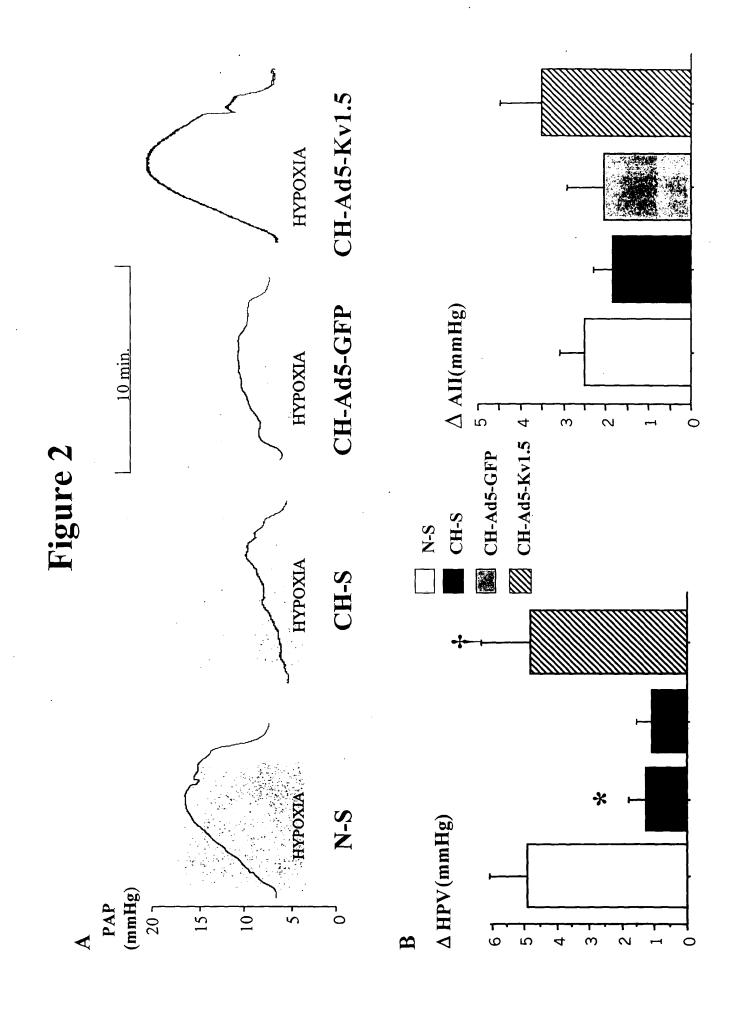
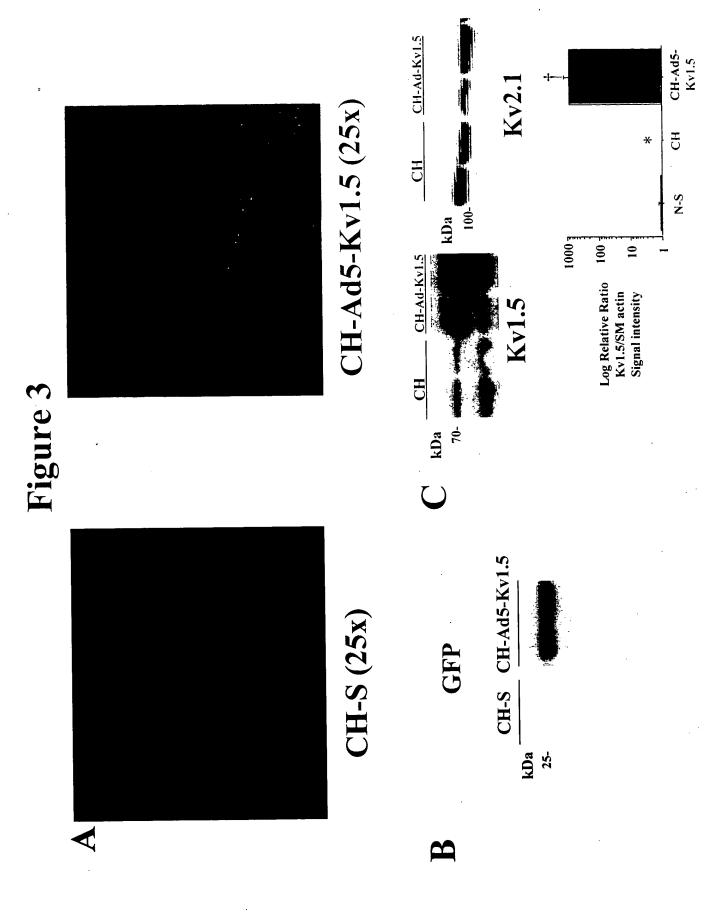
Figure 1







S-Z CH-Ad5-Kv1.5 CH-S CH-Ad5-Kv1.5 4000 − - 005 3500 3000 1500 -1000 2000 2500 Relative copies Human Kv1.5 2 AACt CH-S PA N-S PA Kir2.1 Kv1.5 -08 40-2 Ct endogenous rat K+ channels

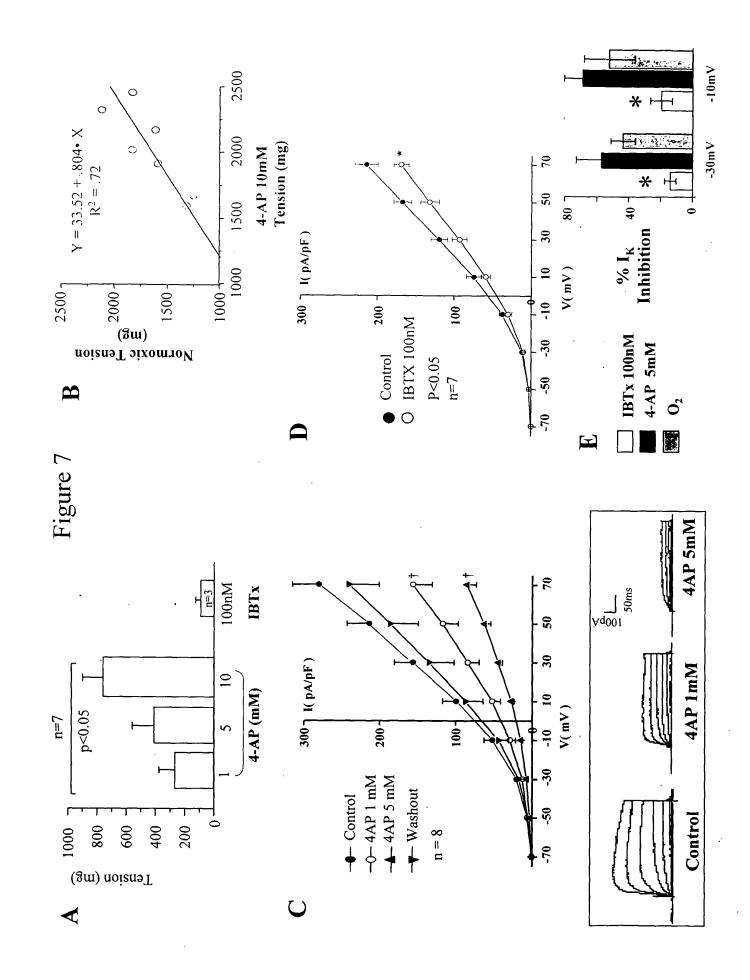
Figure 4

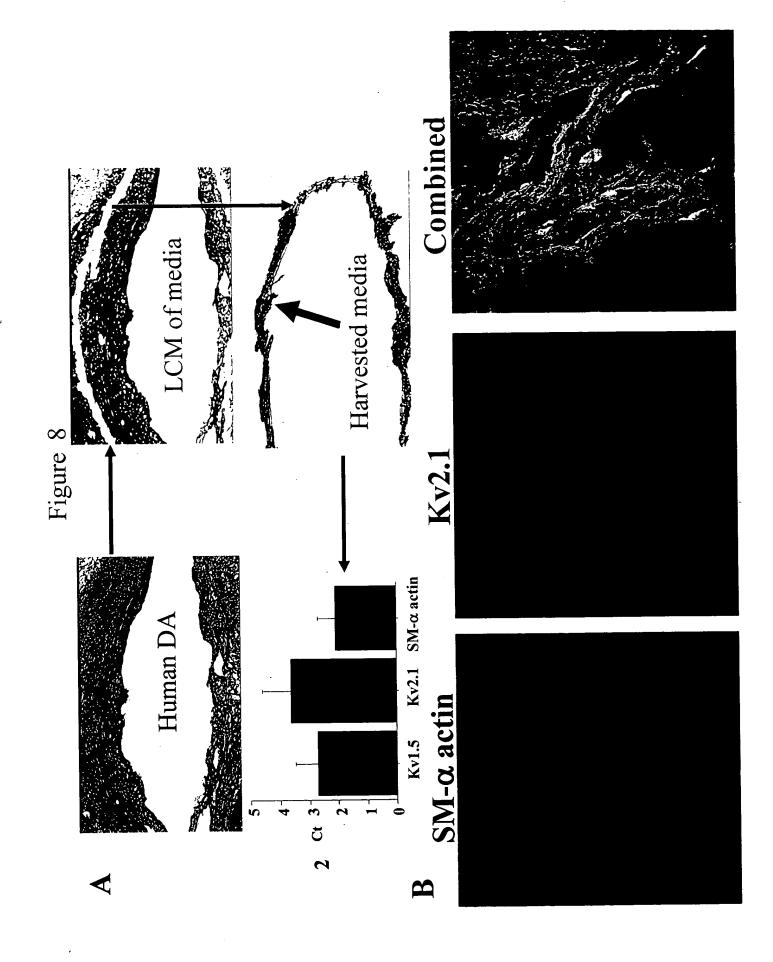
CH-Ad5-Kv1.5 70 V (mV) 20 CH-Ad5-GFP 30 Figure 5 I (pA/pF) 500 \(7 \) 400 200-300--30 **→** CH-Ad5-Kv1.5 -√- CH-Ad5-GFP CH-S ** p < 0.01 -50 n = 10S-H⊃ → S-N -O-And Som S-Z

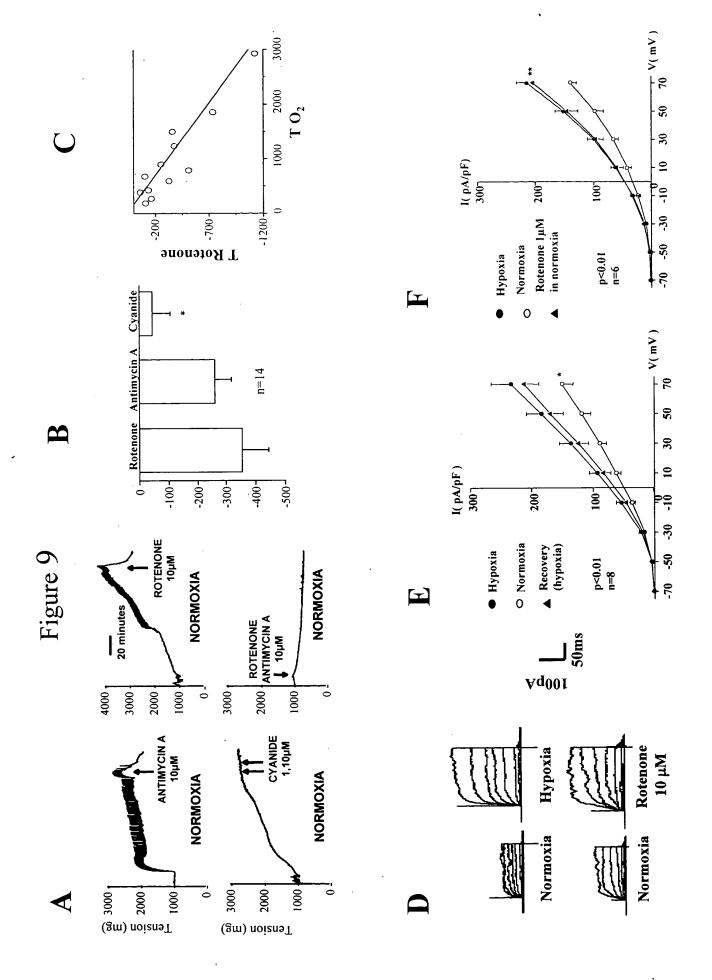
V (mV) 70 V (mV) . 93 9, 30 30 I (pA/pF)9 I (pA/pF)CH-S 2 300-200-400 200-100 100 300-== -50 ا ا ا — 4-AP(5mM) Figure 6 → HYPOXIA -- Control **p < 0.01(n = 10)V (mV) $\overrightarrow{\tau}_0$ V (mV) 5 . S 2 30 I (pA/pF)9 I (pA/pF) S-Z 400 300-200-100 400 300 200--001 -10 93 Š. -50 5

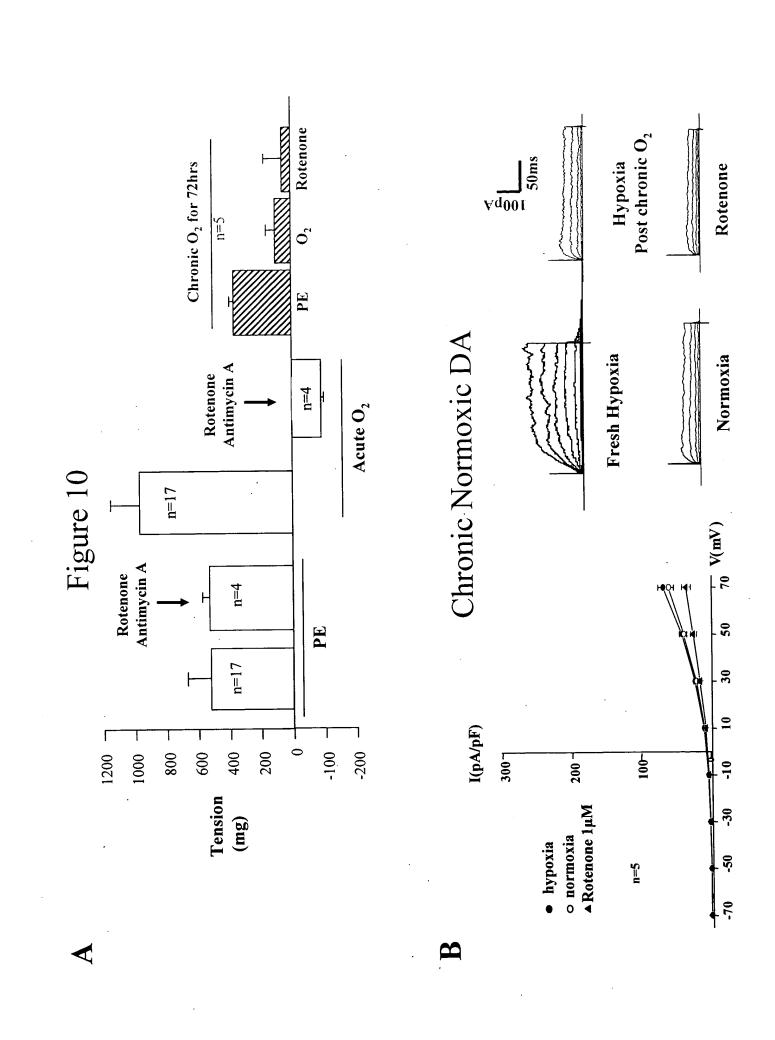
CH-Ad5-Kv1.5

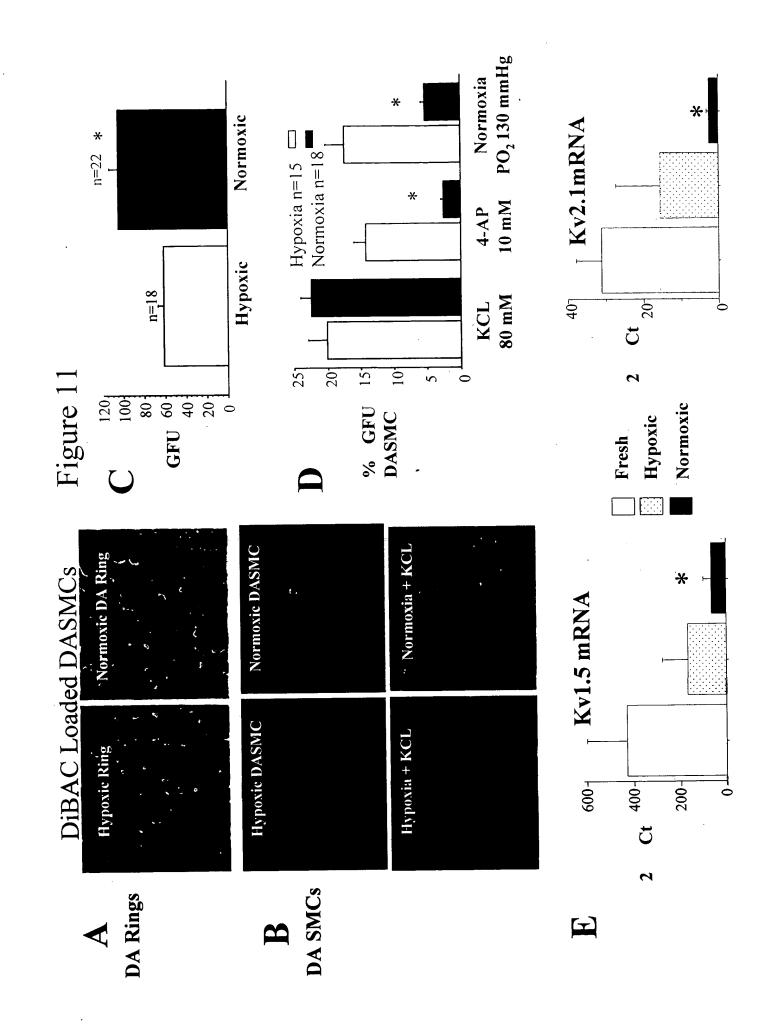
CH-Ad5-GFP











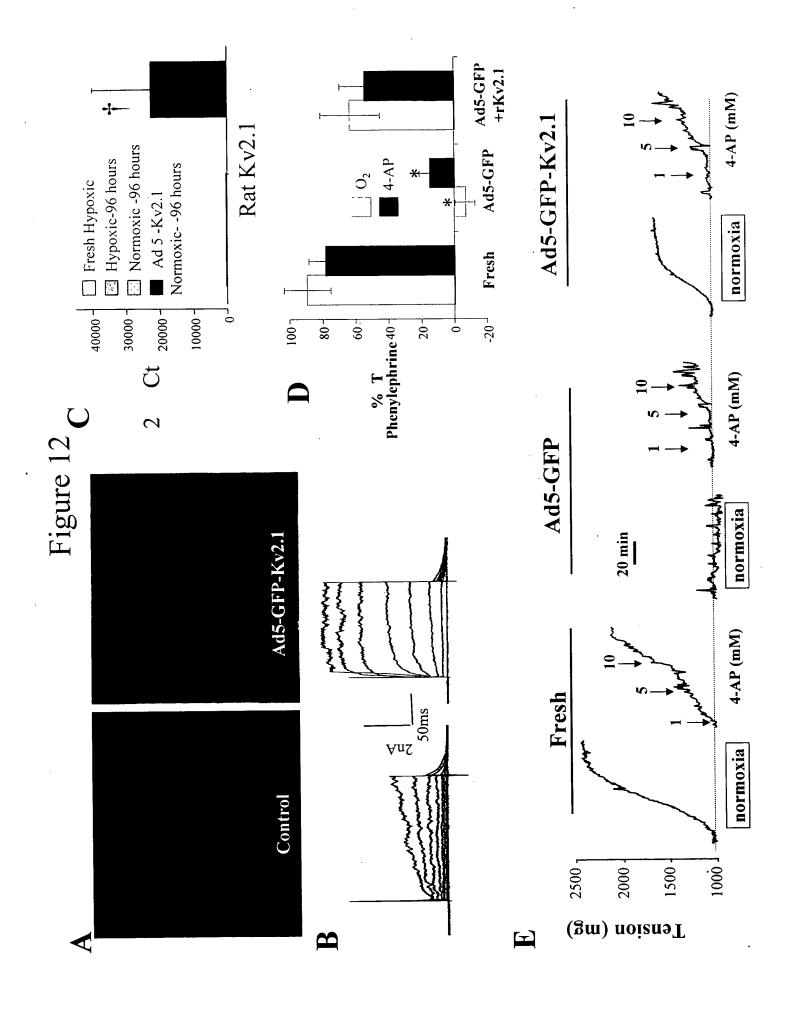
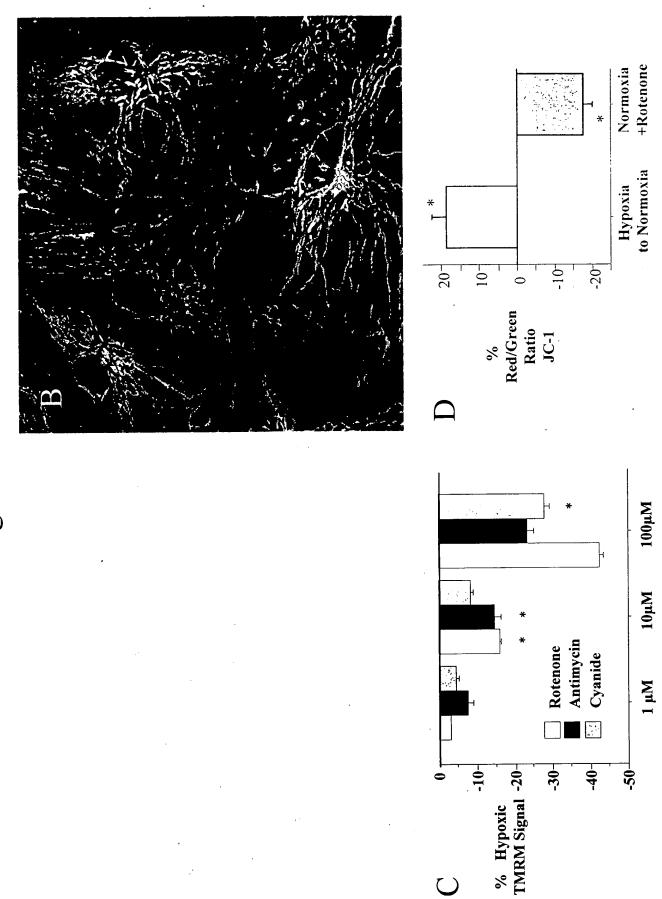
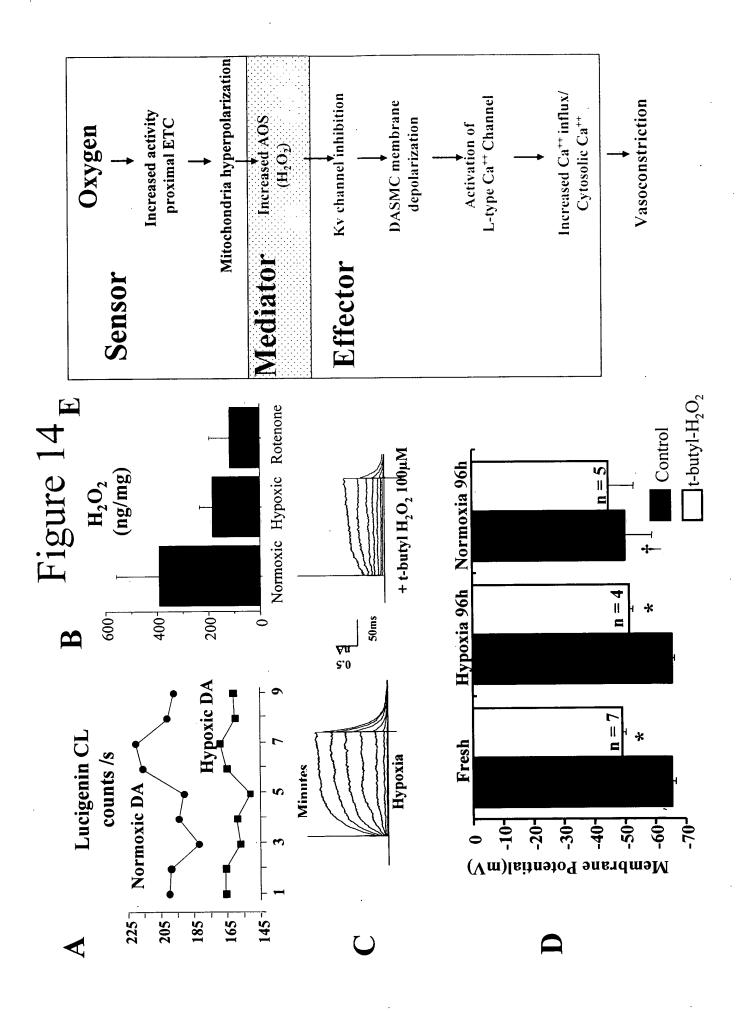
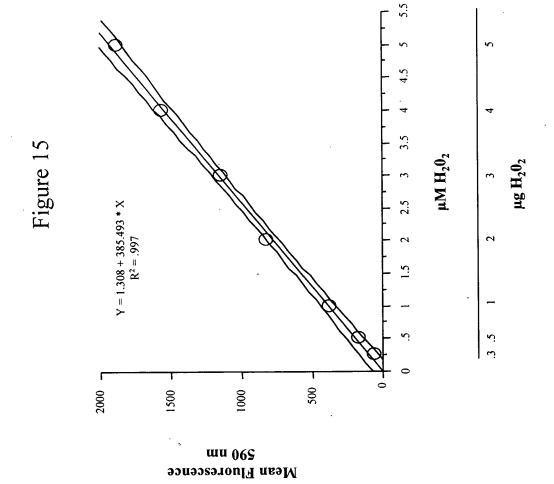
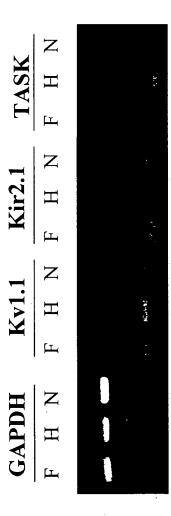


Figure 13

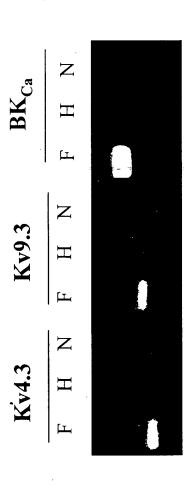






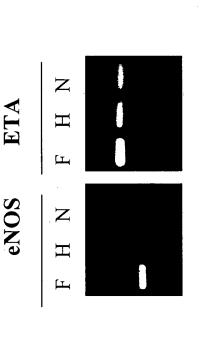


Channels Unchanged/Increased



Channels Decreased





ETC Complex

		The second secon		
		II	III	VI
Subunit	NADH-ubiquinol oxidoreductase	Succinate-ubiquinol oxidoreductase	Ubiquinol cyt-c oxidoreductase	Cytochrome c Oxidase (subunit 1)
Culture	$\begin{array}{cc} \text{Hyp} & \text{O}_2 \end{array}$	Hyp O_2	Hyp O_2	Hyp O_2
66kDa				Considera
40kDa —	1.00	·		- Constitution of the Cons

